

Converting Colors

CIELCh(83, 25.117, 8.802)

Have a look what the booklet for
CIELCh(83, 25.117, 8.802) contains.

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Color

CIELCh(83, 25.108, 9.509)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC8
RGB	255, 190, 200
RGB Percent	100%, 75%, 78%
CMY	0.0006, 0.2554, 0.2162
CMYK	0.00, 0.25, 0.22, 0.00
HSL	351°, 100%, 87%
HSV	351°, 25%, 100%
XYZ	69.9785, 62.1629, 62.8694
YIQ	210.5750, 35.5300, 16.8900

Conversions

Conversions Part 2

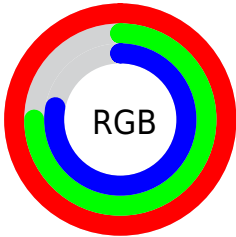
Format	Color
R _Y B	255, 190, 200
Decimal	16760520
CIE Lab	83.00, 24.76, 4.15
CIE LCh	83, 25.108, 9.509
Yxy	62.1629, 0.3588, 0.3188
Android (android.graphics.Color)	4294950600 (0xFFFFBEC8)
YUV	210.5750, -5.2135, 38.9607
Hunter-Lab	78.8435, 20.4537, 7.9129

Details

The CIELCh color **83, 25.108, 9.509** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 22.238, 184.622**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **63, 25.085, 9.447** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.814, 11.005**, and if you desaturate by 10%, it is **90, 14.841, 8.286**.

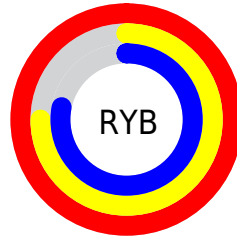
Distribution



Red (100%)

Green (75%)

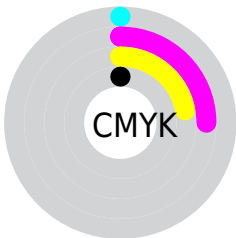
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

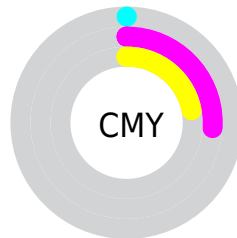


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.108, 9.509 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 25.108, 9.509 by changing the saturation by 10% instead.



83, 25.108, 9.509

83, 25.108, 9.509

77, 35.814, 11.005

90, 14.841, 8.286

71, 46.782, 12.863

96, 5.113, 7.201

66, 57.713, 15.211

100, 0.051,
212.465

61, 68.219, 18.199

58, 77.900, 21.959

55, 86.484, 26.514

54, 93.852, 31.587

53, 96.841, 33.759

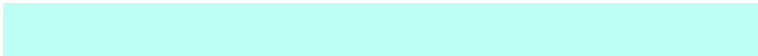
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 25.108, 9.509



96, 22.238, 184.622

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 25.108, 9.509



83, 25.108, 59.509



83, 25.108, 189.509



83, 25.108, 239.509

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83, 25.105, 9.513



95, 7.497, 7.475



84, 38.989, 320.966



50, 5.352, 7.635



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 25.105, 9.513



80, 30.965, 10.296



88, 20.342, 53.732



50, 5.352, 7.635



40, 77.283, 32.833



10, 32.257, 20.857

Inverse Universe

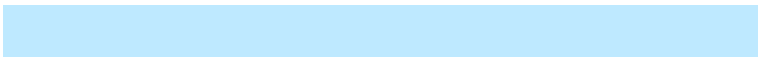
The Inverse Universe completely reimagines the original color for something new.



83, 25.105, 9.513



80, 30.965, 10.296



90, 17.665, 238.506



50, 5.352, 7.635



40, 77.283, 32.833



10, 32.257, 20.857

Previews

White Background



This preview shows how the CIELCh color 83, 25.108, 9.509 looks on a white background.

Color Contrast Check

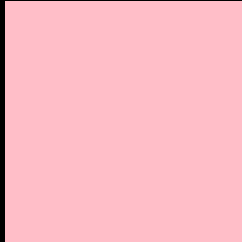
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 25.108, 9.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.108, 9.509

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.108, 9.509.

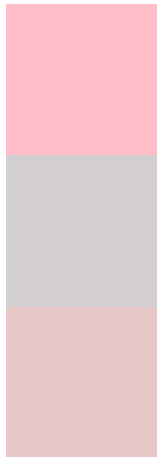


This preview shows how white text looks on a background with the CIELCh color 83, 25.108, 9.509.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83, 25.108, 9.509

Protanopia

83, 2.169, 332.308

Deuteranopia

83, 11.333, 25.522



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 25.108, 9.509

Protanomaly
83, 10.124, 1.993

Deuteranomaly
83, 16.289, 15.145

Tritanomaly
83, 25.733, 6.281

Monochromacy



Original Color
83, 25.108, 9.509

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.653, 9.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.108, 9.509 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.108, 9.509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 190, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 190, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.108, 9.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
190, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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